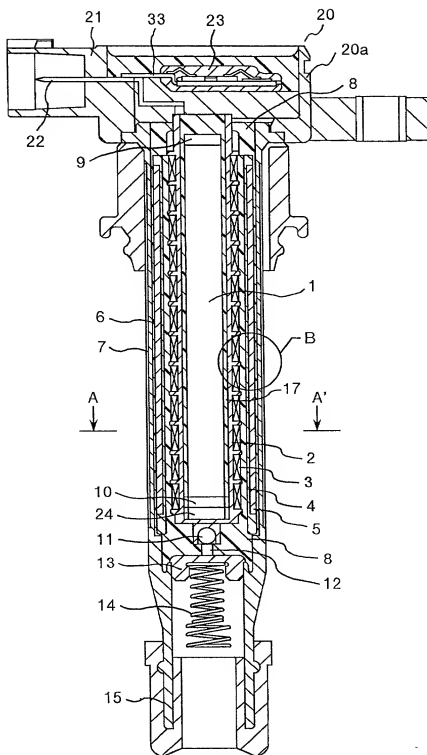
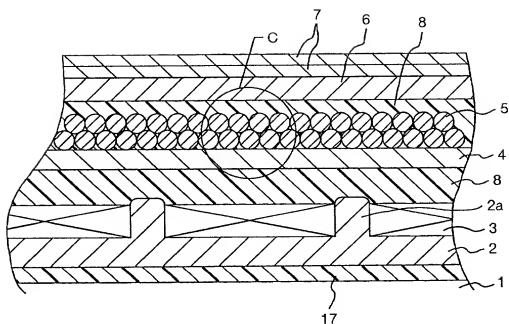


FIG. 1



10034246-122101

FIG. 2



- 1 ... CENTER CORE, 2 ... SECONDARY COIL BOBBIN,
 3 ... SECONDARY COIL, 4 ... PRIMARY COIL BOBBIN,
 5 ... PRIMARY COIL, 6 ... COIL CASING,
 7 ... SIDE CORE, 8 ... EPOXY RESIN, 17 ... SOFT EPOXY RESIN.

FIG. 3

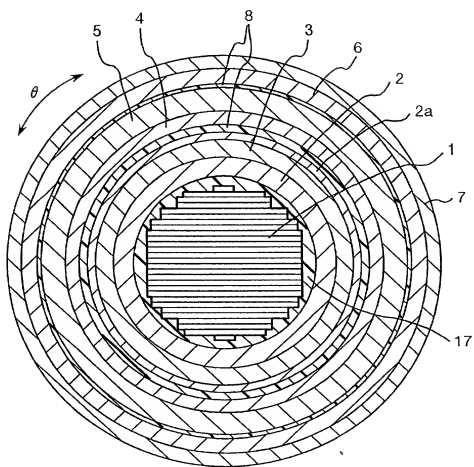


FIG. 4

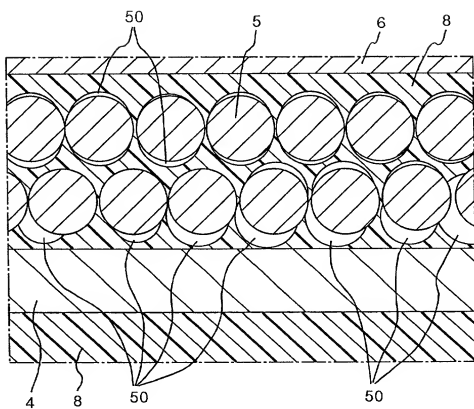


FIG. 5

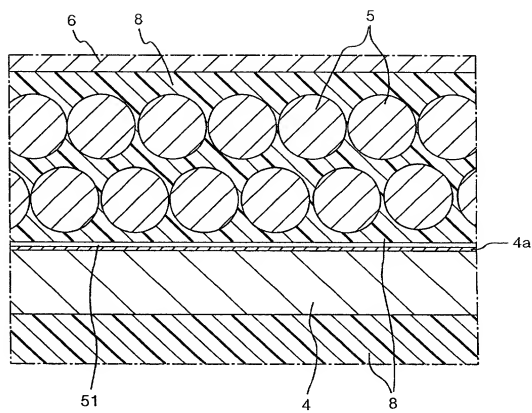


FIG. 6

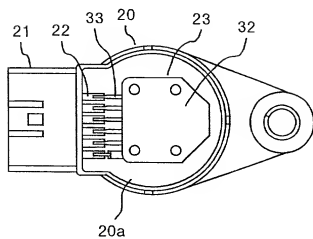


FIG. 7a

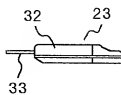


FIG. 7b

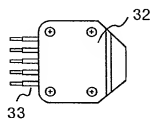


FIG. 7c

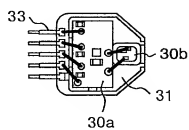


FIG. 8

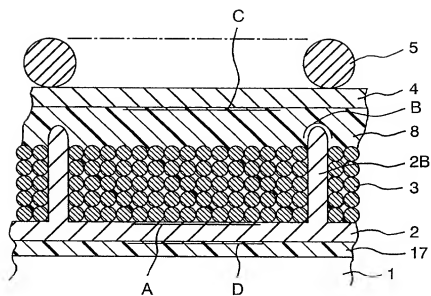


FIG. 9

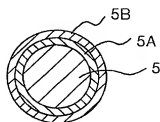


FIG. 10

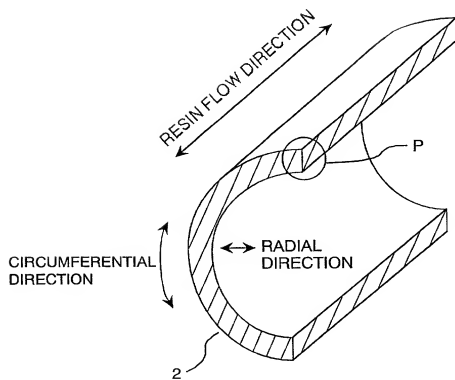


FIG. 11

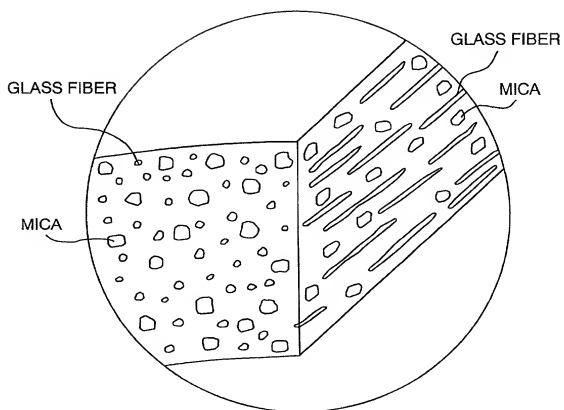


FIG. 12

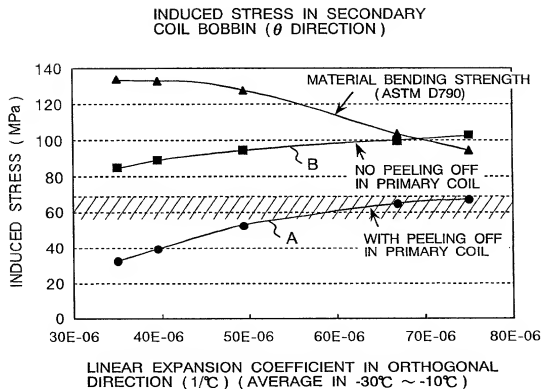


FIG. 14

RELATIONSHIP BETWEEN INDUCED
STRESS AND CYCLE NUMBER

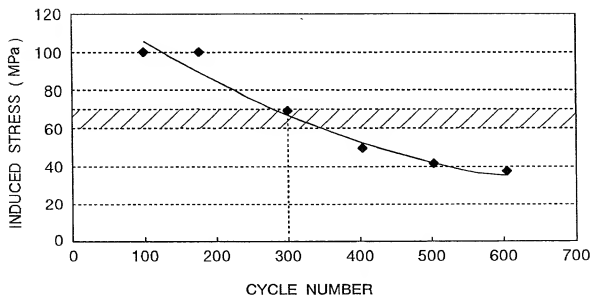


FIG. 15

